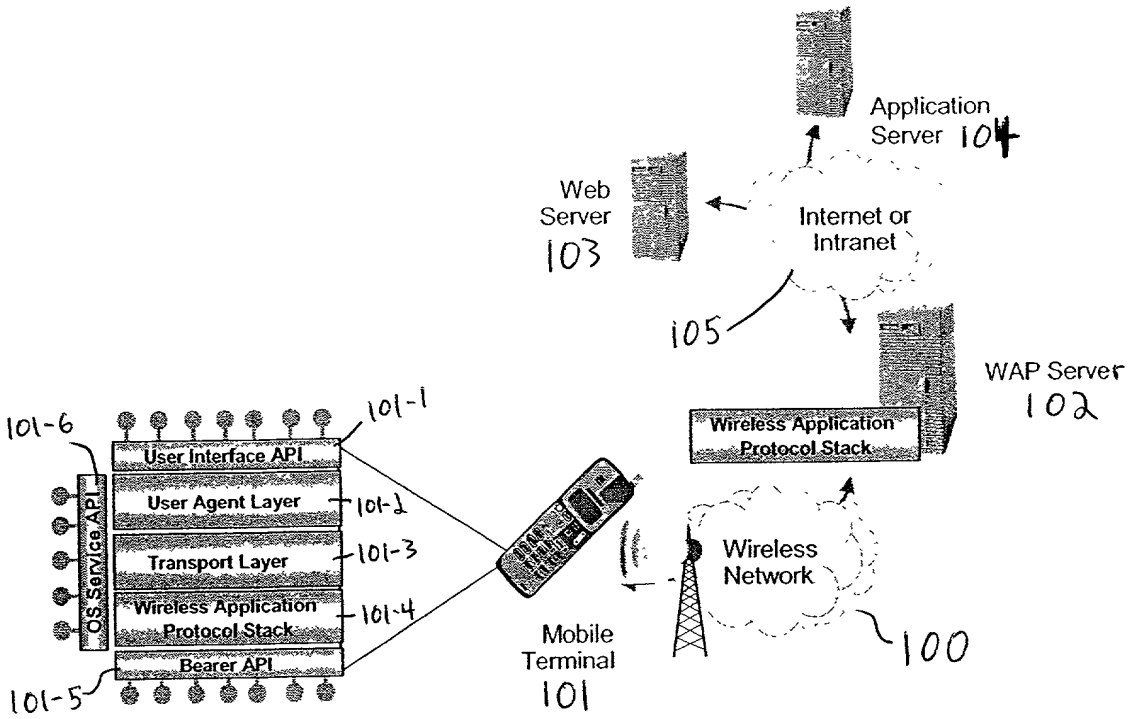
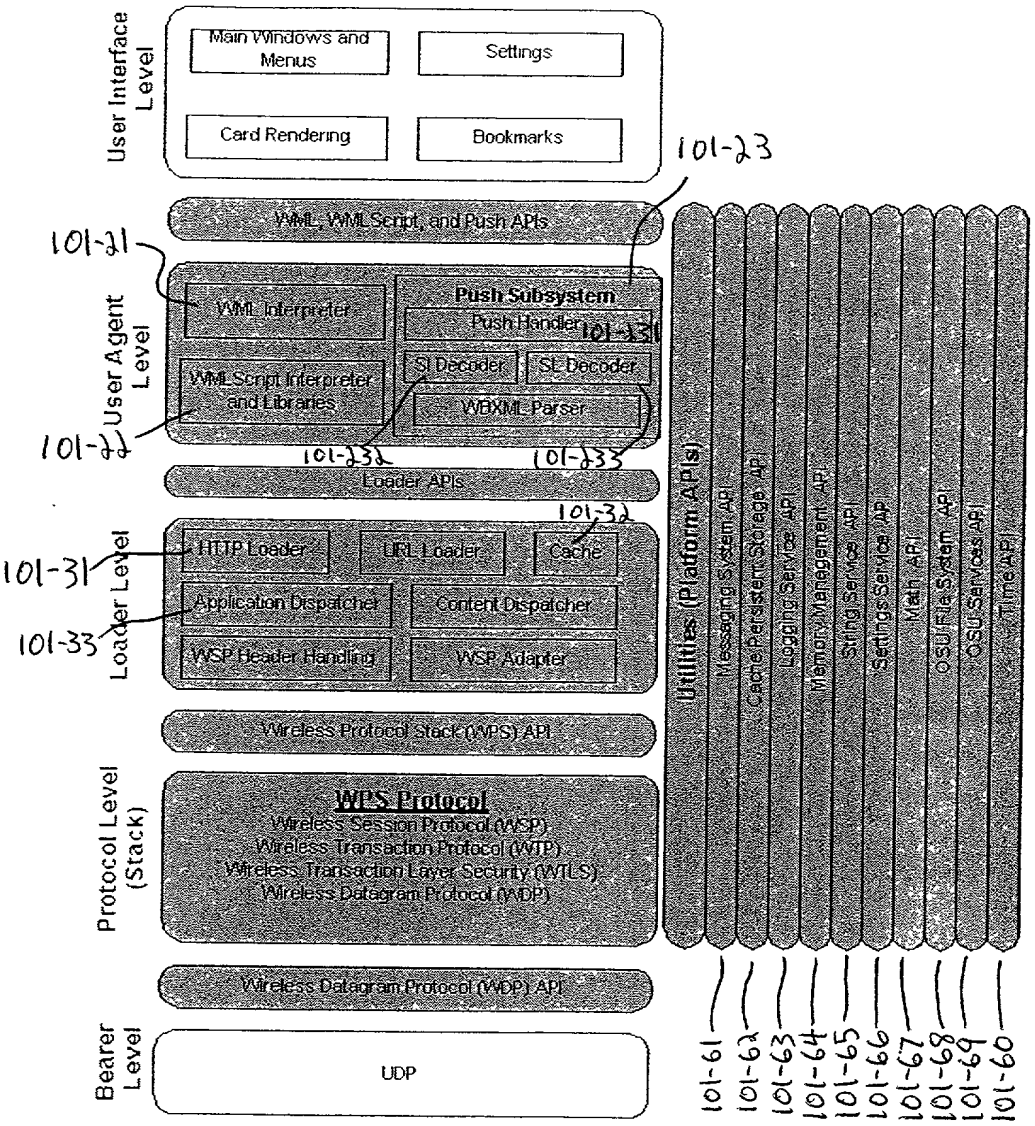

Application Server 104
Web Server 103
Internet or Intranet
105
WAP Server 102
Wireless Application Protocol Stack
Wireless Network
100
Mobile Terminal 101
101-1
101-2
101-3
101-4
101-5
101-6
User Interface API
User Agent Layer
Transport Layer
Wireless Application Protocol Stack
Bearer API
OS Service API

Fig. 1


User Interface Level
Main Windows and Menus
Settings
Card Rendering
Bookmarks
101-23
WML, WMLScript, and Push APIs
101-21
User Agent Level
WML Interpreter
Push Subsystem
Push Handler
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WMLScript Interpreter and Libraries
SI Decoder
SL Decoder
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HTTP Loader
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Messaging System API
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Logging Service API
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Settings Service API
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OSU File System API
OSU Services API
Time API
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101-62
101-63
101-64
101-65
101-66
101-67
101-68
101-69
101-60

Fig. 2

006225 "11705260

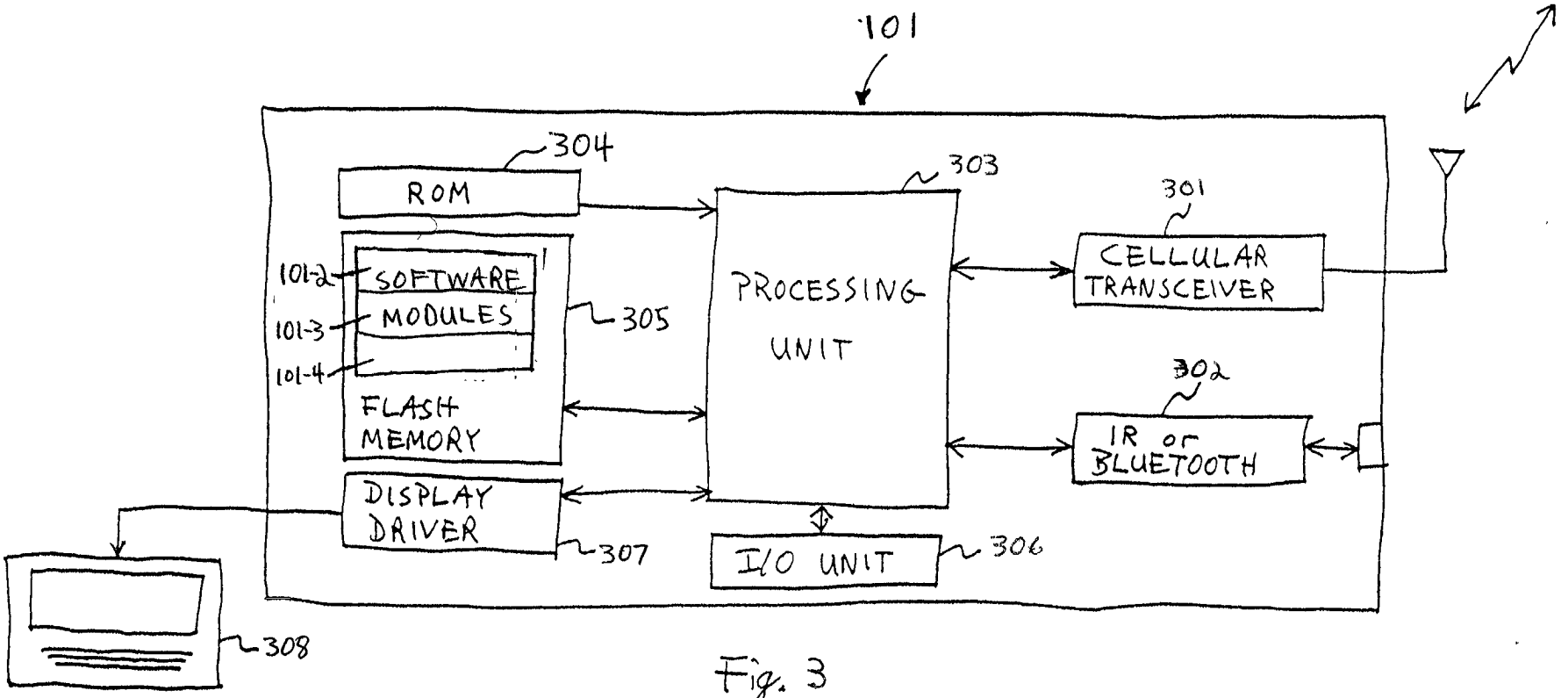


Fig. 3

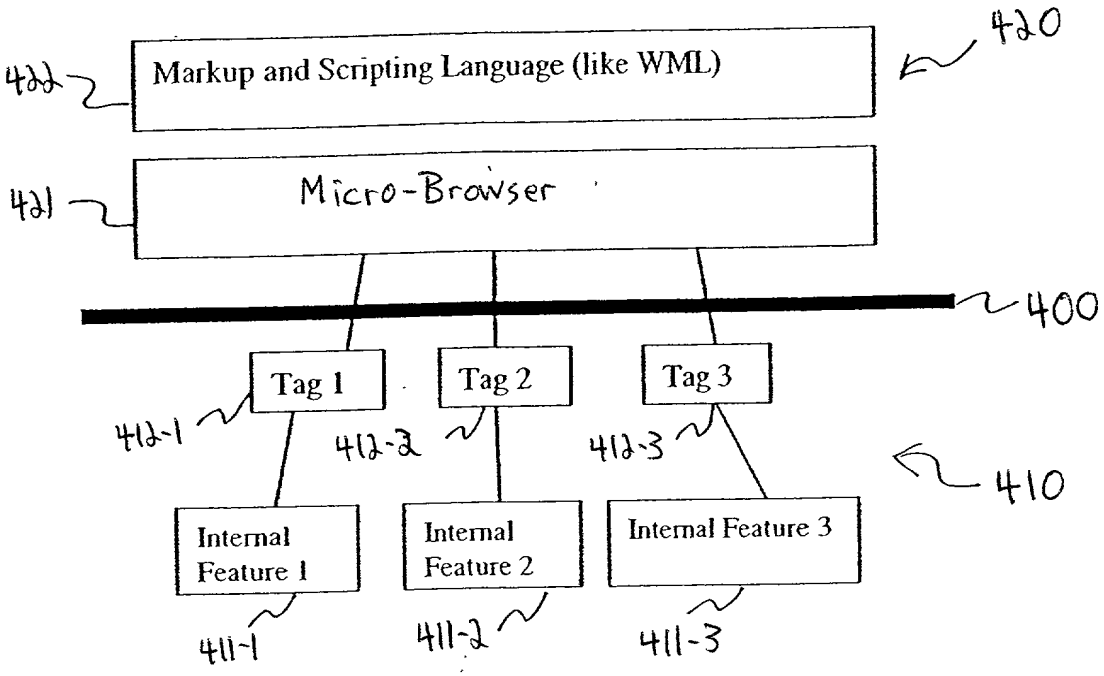

Markup and Scripting Language (like WML)
422
420
Micro-Browser
421
400
Tag 1
Tag 2
Tag 3
412-1
412-2
412-3
410
Internal Feature 1
Internal Feature 2
Internal Feature 3
411-1
411-2
411-3

Fig. 4

006227 "hTOSZ60

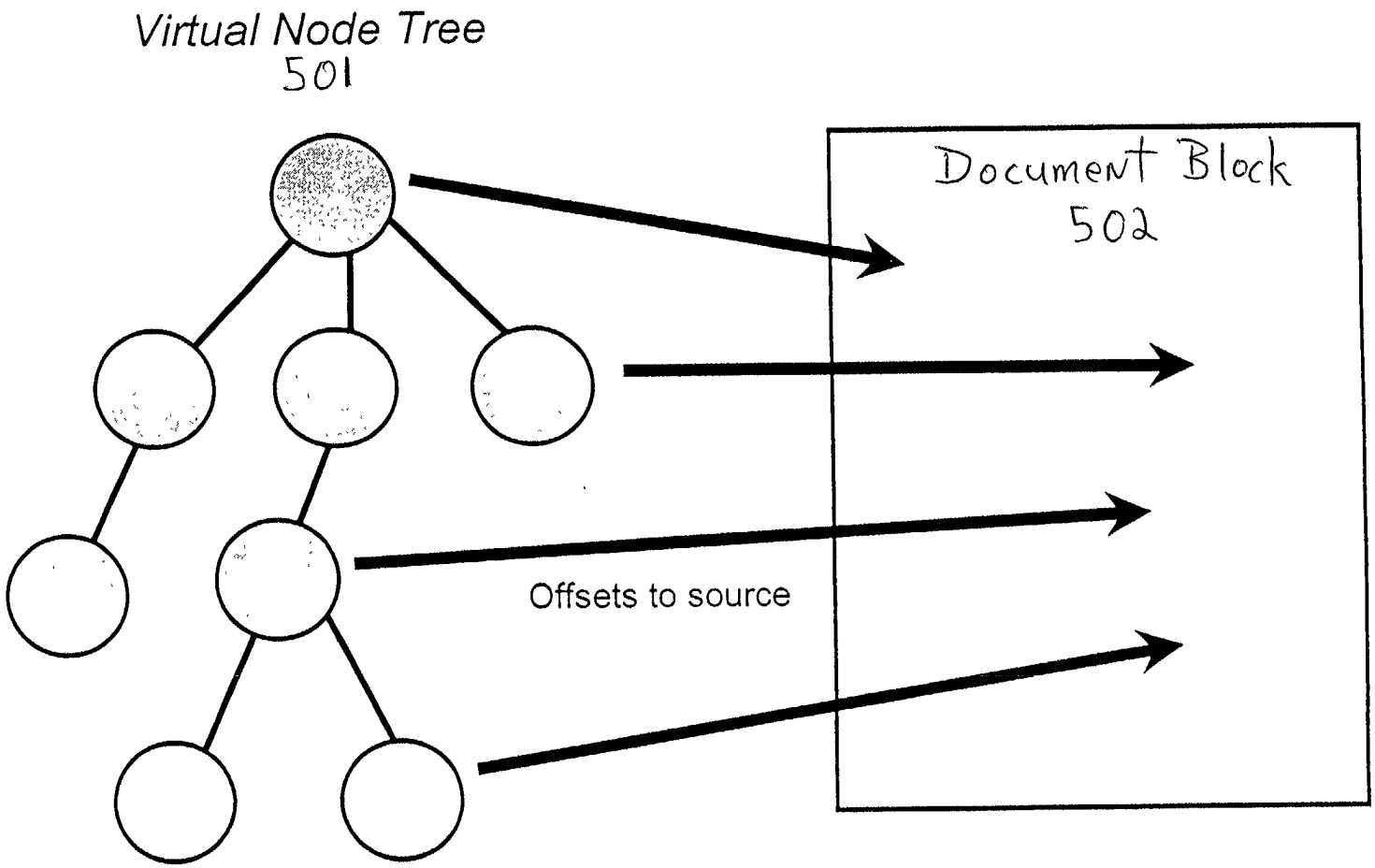
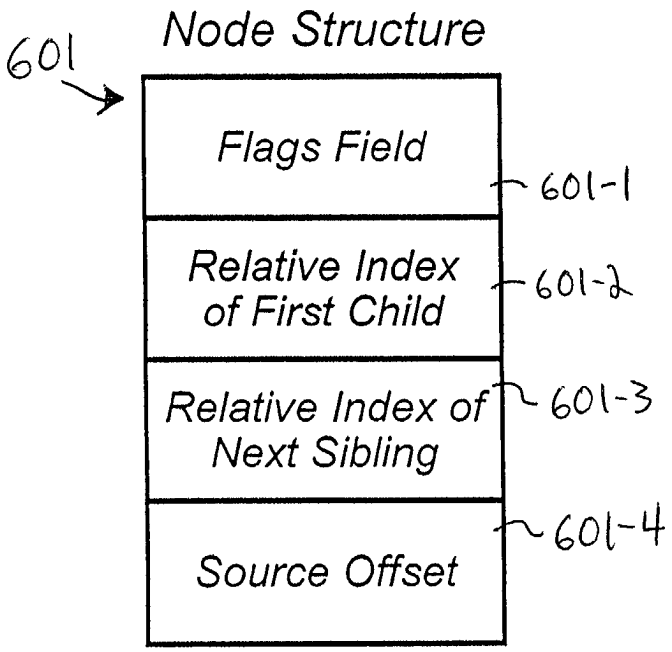
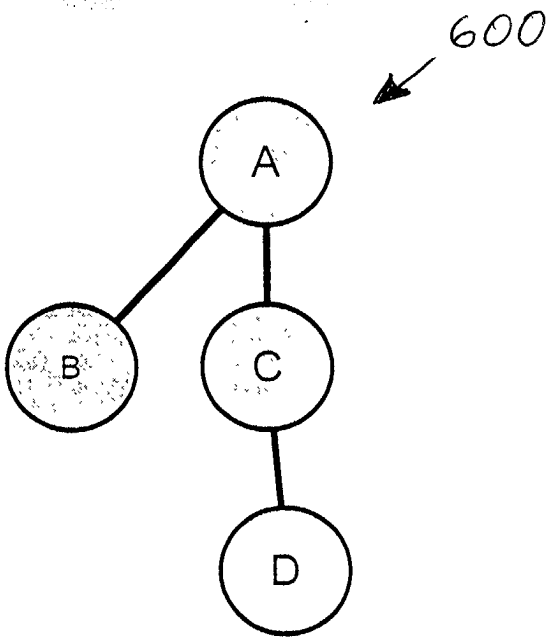


Fig. 5

006227 "mT05260

Fig. 6





Compact Tree Description Block 603

Node A				Node B				Node C				Node D			
	+1	0			0	1		*LC*	1	-2		*LC*	0	-1	

LC = Last Child Flag Set

006227 "mTOS260

Compact Tree Description Block 703

"wml" node (root)			
	+1	0	0

"card" node			
	+1	+2	5

"text" node			
LC	0	-1	22

"card" node			
LC	+1	-3	44

"text" node			
	0	+1	61

"do" node			
LC	+1	-2	78

"prev" node			
LC	0	-1	96

Document Block 702

```
<wml><card id="card1">Welcome to WML</card>
<card id="card2">Compact tree demo<do type
="prev"><prev/></do></card></wml>
```

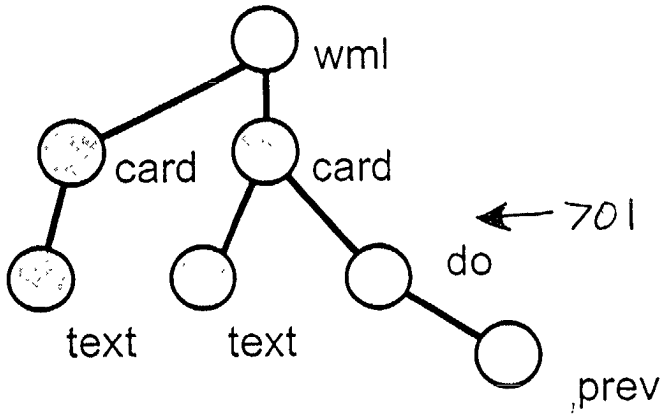


Fig. 7

006227 "mT09260

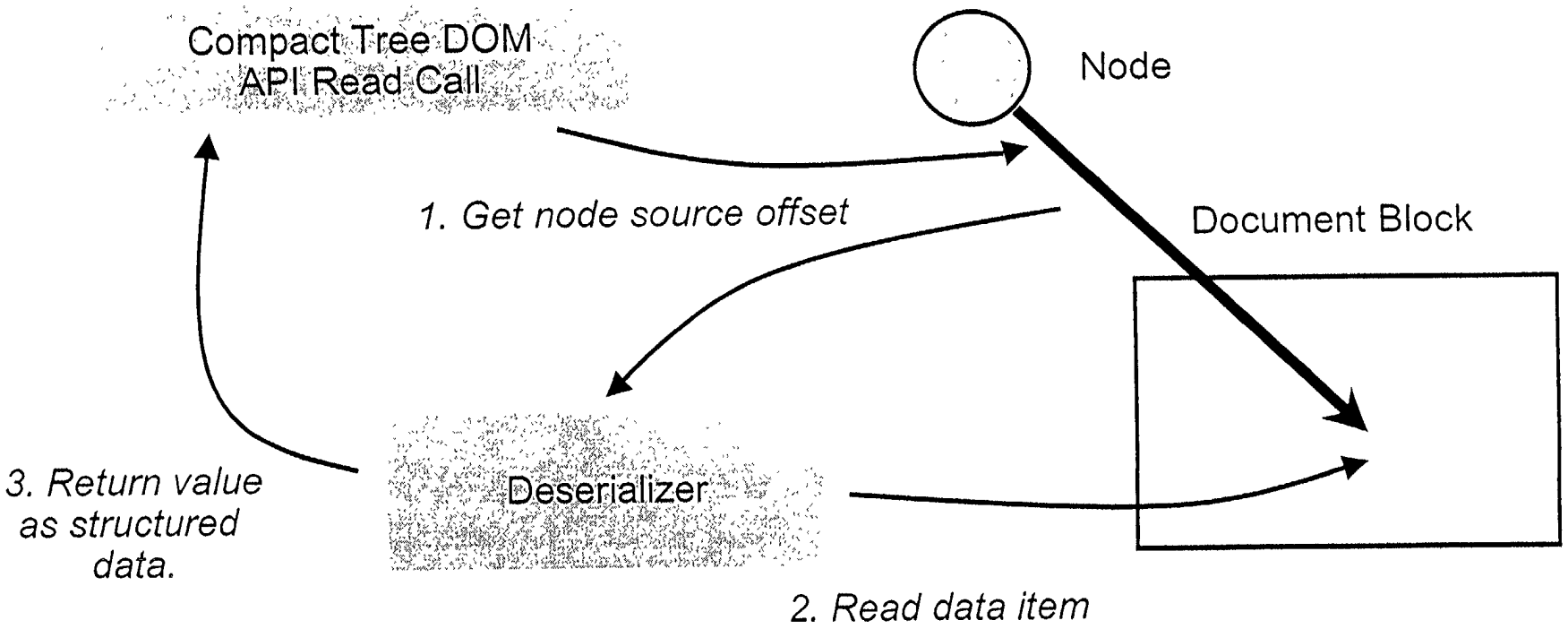


Fig. 8

006227 "mT05260

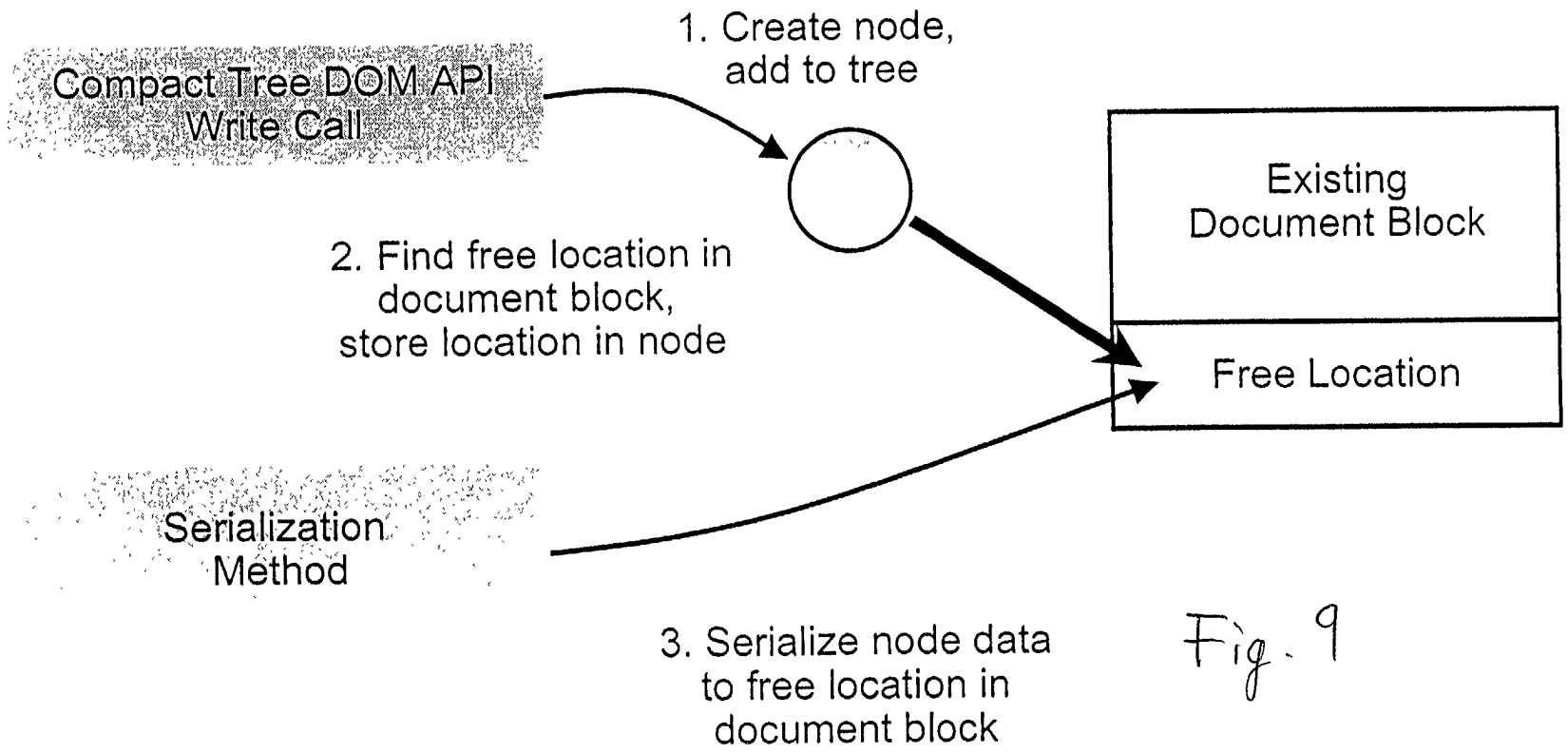


Fig. 9